10" WAX BUFFER

MODEL H3143

INSTRUCTION MANUAL

COPYRIGHT © OCTOBER 2002 BY GRIZZLY INDUSTRIAL, INC.
1821 VALENCIA ST., BELLINGHAM, WA 98227
WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE OR FORM WITHOUT THE WRITTEN APPROVAL OF GRIZZLY INDUSTRIAL, INC.
PRINTED IN CHINA

ONLINE MANUAL DISCLAIMER

THE INFORMATION IN THIS MANUAL REPRESENTS THE CONFIGURATION OF THE MACHINE AS IT IS CURRENTLY BEING SHIPPED. THE MACHINE CONFIGURATION CAN CHANGE AS PRODUCT IMPROVEMENTS ARE INCORPORATED. IF YOU OWN AN EARLIER VERSION OF THE MACHINE, THIS MANUAL MAY NOT EXACTLY DEPICT YOUR MACHINE. CONTACT CUSTOMER SERVICE IF YOU HAVE ANY QUESTIONS ABOUT DIFFERENCES. PREVIOUS VERSIONS ARE NOT AVAILABLE ONLINE.

WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement, and other masonry products.**
- **Arsenic and chromium from chemically treated lumber.**

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SAFETY

⚠WARNING

For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.

⚠DANGER **Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.**

⚠WARNING **Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.**

⚠CAUTION **Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.**

NOTICE **This symbol is used to alert the user to useful information about proper operation of the equipment.**

⚠WARNING

Safety Instructions

1. **KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES**. Form habit of checking to see that keys and adjusting wrenches are removed from winch before operation.
3. **KEEP CHILDREN AWAY.** All children should be kept at a safe distance from winch.
4. **DO NOT USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.**
5. **NEVER ALLOW UNTRAINED USERS TO RUN THIS TOOL WHILE UNSUPERVISED.**
6. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
7. **ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
8. **IF YOU ARE UNSURE OF THE INTENDED OPERATION, STOP USING THE TOOL.**

⚠WARNING

Safety Instructions For Power Tools

9. **USE PROPER EXTENSION CORD** for the tool. Make sure your extension cord is in good condition. Conductor size should be in accordance with the chart below. The amperage rating should be listed on the motor or tool nameplate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Your extension cord must also contain a ground wire and plug pin. Always repair or replace extension cords if they become damaged.

Minimum Gauge for Extension Cords

AMP RATING	LENGTH		
	25ft	50ft	100ft
0-6	18	16	16
7-10	18	16	14
11-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	No

10. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
11. **ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
12. **SECURE WORK.** Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.
13. **DON'T OVERREACH.** Keep proper footing and balance at all times.
14. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
15. **DISCONNECT TOOLS** before servicing and changing accessories, such as blades, bits, cutters, and the like.
16. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.
17. **USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.
18. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

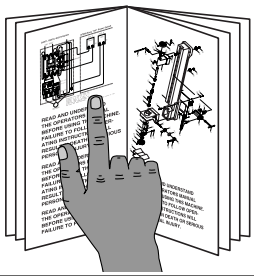
⚠WARNING

No list of safety guidelines can be complete. Operating this tool may require additional safety precautions specific to your working environment. Failure to use reasonable caution while operating this tool could result in serious personal injury.

INTRODUCTION

Commentary

⚠WARNING



Lack of familiarity with this manual could cause serious personal injury. Become familiar with the contents of this manual, including all the safety warnings.

We are proud to offer the Grizzly Model H3143 Wax Buffer. This model is part of a growing Grizzly family of fine tools. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of Grizzly's commitment to customer satisfaction.

We are pleased to provide this manual with the Model H3143. It was written to encourage safety considerations and guide you through general operating procedures and maintenance. This manual represents our effort to produce the best documentation possible.

The specifications, details, and photographs in this manual represent the Model H3143 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly. If you have any comments regarding this manual, please write to us at the address below:

Grizzly Industrial, Inc.
C/O Technical Documentation
P.O. Box 2069
Bellingham, WA 98227-2069

Most importantly, we stand behind our tools. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: techsupport@grizzly.com
Web Site: http://www.grizzly.com

OPERATION

About Your New Buffer

⚠CAUTION

Always follow the manufacturer's instructions when applying wax. Failure to follow the instructions could result in damage to the surface you are waxing.

Please take the time to become familiar with this instruction manual. The information contained will allow you to get the maximum enjoyment and use from your new tool.

Accessories

Included with the Model H3143 Wax Buffer are two bonnets: the terry cloth bonnet is used to wax and the synthetic wool bonnet is used to buff the wax.

Using The Buffer

⚠CAUTION

Never use abrasive wax or polish when using this tool. Damage to the paint may occur.

1. Evenly apply wax to the terry cloth bonnet. DO NOT apply the wax directly to the work surface.

2. WITHOUT turning the buffer on, set it on the work surface.

3. Place the power cord over your shoulder to keep it off the work surface.

4. Turn the buffer on and begin buffing a large flat area such as the hood.

5. Buff in a back and forth pattern, allowing the buffer to glide over the work surface. **DO NOT exert excessive pressure on the buffer!**

6. Buff hard-to-reach areas by hand.

7. Once applied, allow the wax to form a haze on the work surface.

8. Replace the terry cloth bonnet with the synthetic wool cap.

9. Buff the waxed surface in the same manner it was applied. **DO NOT exert excessive pressure on the buffer!**

MAINTENANCE

⚠WARNING

Unplug the tool from the power source before performing any maintenance! Failure to follow this warning could result in serious personal injury.

Cleaning The Buffer

- Use only a mild soap to clean the bonnets.
- Wash the bonnets by hand and hang dry.
- When not in use, remove the bonnets and store the buffer with the pad facing up. This allows the pad to retain its original form.
- Periodically clean the buffer with a dry cotton cloth. DO NOT use flammable products or spray cleaners.

Carbon Motor Brushes

The Model H3143 has a brush-type electric motor. Because the buffer needs to be disassembled to gain access to the brushes, servicing them should only be performed by a qualified technician.

Repairs

The Model H3143 is a double insulated and UL® listed tool which should only be repaired by a qualified technician. DO NOT attempt to open the tool housing or perform any electrical repairs. Contact our Customer Service Department if the tool stops working or malfunctions.

Replacement Parts

REF	PART #	DESCRIPTION
01	PH3143001	MOTOR BRUSH (2)
02`	PH3143002	BODY TOP HALF
03	PH3143003	BODY LOWER HALF
04	PH3143004	TERRYCLOTH CAP
05	PH3143005	SYNTHETIC CAP
06	PH3143006	SWITCH
07	PH3143007	SWITCH SLIDER
08	PHTEK13	TAP SCREW #8 X 11/16"
09	PH3143009	MOTOR ASSEMBLY

⚠WARNING

Gasoline or petroleum products used to clean the tool could explode causing serious personal injury. DO NOT use gasoline or petroleum products to clean the tool.

WARRANTY AND RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Authorization Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901

E-Mail:
techsupport@grizzly.com

Web Site: http://www.grizzly.com

Thank you again for your business and continued support. We hope to serve you again soon!

WARRANTY CARD

Name_____

Street_____

City_____State_____Zip_____

Phone Number_____E-Mail_____FAX_____

Model #_____ Serial #_____

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. Of course, all information is strictly confidential.

1. How did you learn about us?
   ___Advertisement ___Friend
   ___Catalog ___Card Deck
   ___World Wide Web
   ___Other_____

2. What is your annual household income?
   ___$20,000-$29,999 ___$60,000-$69,999
   ___$30,000-$39,999 ___$70,000-$79,999
   ___$40,000-$49,999 ___$80,000-$89,999
   ___$50,000-$59,999 ___$90,000 +

3. What is your age group?
   ___20-29 ___50-59
   ___30-39 ___60-69
   ___40-49 ___70 +

4. How long have you been a woodworker?
   ___0 - 2 Years ___8 - 20 Years
   ___2 - 8 Years ___20+ Years

5. How would you rank your woodworking skills?
   ___Simple ___Advanced
   ___Intermediate ___Master Craftsman

6. What stationary woodworking tools do you own? Check all that apply.
   ___Air Compressor ___Panel Saw
   ___Band Saw ___Planer
   ___Drill Press ___Power Feeder
   ___Drum Sander ___Radial Arm Saw
   ___Dust Collector ___Shaper
   ___Spindle Sander ___Jointer
   ___Table Saw ___Lathe
   ___Mortiser ___Wide Belt Sander
   ___Horiz.Boring Machine
   ___Vacuum Veneer Press
   ___Other_____

7. How many of your woodworking machines are Grizzly? _____

8. Which benchtop tools do you own? Check all that apply.
   ___1"x42" Belt Sander ___6" - 8" Grinder
   ___5" - 8" Drill Press ___Mini Lathe
   ___8" Table Saw ___8" - 10" Bandsaw
   ___Scroll Saw ___Disc/Belt Sander
   ___Spindle/Belt Sander ___Mini Jointer
   ___10"-12"Thickness Planer
   ___Other_____

9. How many of the machines checked above are Grizzly? _____

10. Which portable/hand held power tools do you own? Check all that apply.
    ___Belt Sander ___Orbital Sander
    ___Biscuit Joiner ___Palm Sander
    ___Circular Saw ___Portable Planer
    ___Detail Sander ___Saber Saw
    ___Drill/Driver ___Reciprocating Saw
    ___Miter Saw ___Router
    ___Other_____

11. What machines/supplies would you like Grizzly Industrial to carry?
    _____
    _____
    _____
    _____

12. What new accessories would you like Grizzly Industrial to carry?
    _____
    _____
    _____
    _____

13. What other companies do you purchase your tools and supplies from?
    _____
    _____
    _____

14. Do you think your purchase represents good value?
    ___Yes ___No

15. Would you recommend Grizzly to a friend?
    ___Yes ___No

16. Would you allow us to use your name as a reference for Grizzly customers in your area? **Note: We never use names more than three times.**
    ___Yes ___No

17. Comments:_____
    _____
    _____
    _____

Send a Grizzly Catalog to a friend:

Name_____

Street_____

City_____State_____Zip_____

FOLD ALONG DOTTED LINE

Place Stamp Here

GRIZZLY INDUSTRIAL, INC.
P.O. BOX 2069
BELLINGHAM, WA 98227-2069

TAPE ALONG EDGES--PLEASE DO NOT NAIL